

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate report year generation study for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:


**California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025**

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name CITY OF MURRIETA		County RIVERSIDE	
Authorized Signature 		Title CITY MANAGER	
Type/Print Name of Person Signing LORI MOSS		Date	Phone () Include Area Code 951.461.6003
Person Completing This Form (please print or type) ROB JOHNSON		Title ADMINISTRATIVE ANALYST	
Affiliation:	STAFF MEMBER		
Mailing Address 26442 BECKMAN COURT		City MURRIETA	State CA
			ZIP Code 92562
E-Mail Address AVOLLBRECHT@MURRIETA.ORG			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:

1990

2. Proposed new generation-based study year:

2003

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

A MINIMUM OF 20 OF THE COMMUNITY'S LARGEST COMMERCIAL ENTERPRISES WERE AUDITED TO MEASURE DIVERSION NOT OTHERWISE BEING ACCOUNTED FOR. THESE AUDITS WERE CONDUCTED BY CITY AND FRANCHISED HAULER STAFF AS WELL AS REPRESENTATIVES OF THE CIWMB AND CONSIDERED REFLECTIVE OF THE JURISDICTION.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. ? %	Diversion rate calculated using new generation-based study	b. 43%
Existing base year pounds/person/day based on generation	15.96	New generation based study pounds/person/day based on generation	8.56
Existing base year: Residential generation 31 % Non-Residential generation 69 %		New generation based study: Residential generation 33 % Non-Residential generation 67 %	
Population existing generation-based study		Population new generation-based study	77,700

5. Please explain how the new diversion rate is consistent with your current diversion implementation efforts and also explain the specific reasons for the difference.

The city's existing base year is an artificial one, established by the Local Task Force in consultation with CIWMB staff and ultimately approved by the board. Murrieta incorporated in 1991 and was not in a position to create a base year that more accurately reflected the city. This has been compounded by explosive community growth that the standard adjustment method has been unable to comprehend.

The new diversion rate presents a more accurate picture of the effectiveness of the city's diversion programs as spelled out in the SRRE. Those programs are fully implemented, and additional programs have been added. The city intends to enhance its diversion programs to make further progress a reality.

6. If the proposed new generation tonnage results in an increase in your pounds per day, please explain how this is consistent with your current diversion implementation efforts and provide examples (e.g., change in jurisdiction's demographics). In addition, if your pounds per person is over the state average of 11.2 pounds, please explain why.

The pounds per day rate decreased significantly from the existing base year rate and does not exceed the state average.

Section III - Disposal and Diversion Information

1. Disposal Tonnage (enter values):	24744	44114	68858
	Residential	Non-Residential	Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Number 2.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with year

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and submit with the new base year

2. In the table below, list the summarized diversion activities, tonnages, material types, actual or conversion factors, and diversion data records that support your claim and are available for Board verification. **Note: The Board expects the jurisdiction to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition and percentage calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal,] you must identify those programs and waste types and complete Section VI. Survey forms for the top ten businesses must be included as an attachment with the generation study year and should be identified as Attachment IVa. (Note: The Board has indicated that total source reduction amounts greater than five percent will be scrutinized. Please be prepared to substantiate the amounts.)

Note: Detailed Non-Residential waste audit information for the top ten businesses surveyed must be included in Section IV.

Please use the Board's program types from the online glossary at:

<http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm>

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Residential Source Reduction Activities					
Backyard composting					
Grasscycling	441	0%	grass clipping	7.6t/acre	Colony Front Yards, Bear Creek Condos
Other Residential Source Reduction (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Source Reduction	441	0%			
Residential Recycling Activities					
Curbside Recycling	7365	6%	paper, aluminum cans, glass, OCC, plastic	actual weight	hauler's report
Buyback Centers	1738	1%	CRV, plastic, glass, bi	actual weight	state dept. of recycling report, 2003
Drop-off Centers					

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Other Residential Recycling (list each program separately)					
Bulky Item Collection	15	0%		actual weight	hauler's report
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Recycling	9118	8%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste	9713	8%	greenwaste	actual weight	hauler's report
Christmas Tree Program					
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	9713	8%			
Subtotal, Residential Diversion	19272	16%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits	0	0%	Detailed information must be included in Section V		
Other Non-Residential Source Reduction (list each program separately)					
Golf Course Grasscycling	3154	3%	grass clipping	7.6/acre	Bear Creek, SCCA, Colony, Murrieta Golf Range
City Facility Grasscycling	1300	1%	grass clipping	7.6/acre	City Parks/Landscaping turf areas
School/College Grasscycling	827	1%	grass clipping	7.6/acre	MVUSD, Calvary College Conf. Cntr
Cemetery Grasscycling	152	0%	grass clipping	7.6/acre	Murrieta Cemetery
City Weed Abatement	836	1%	grass clipping	7.6/acre	City Fire Department Administration
Subtotal, Non-Residential Source Reduction	6269	5%			

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwmmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Non-Residential Recycling Activities:					
Non-Residential Waste Audits	6027	5%	Detailed information must be included in Section V		
Other Non-Residential Recycling (list each program separately)					
Commercial On-site Pick Up	725	1%	mixed paper, OCC, plastic, cans	actual weight	hauler's report
Roll Off Collection	2002	2%	waste wood, scrap metal, inert	actual weight	hauler's report
City Computer Auction	0	0%	19 cpu units	26lbs. Ea.	City Finance Department
City Computer Printer Auction	0	0%	4 computer printers	25.33lbs. Ea.	City Finance Department
Enter program name					
Subtotal Non-Residential Recycling	8754	7%			
Non-Residential Composting Activities					
Non-Residential Waste Audits	0	0%	Detailed information must be included in Section V		
Other Non-Residential Composting (list each program separately)					
Commercial Greenwaste Collection	2687	2%	greenwaste	actual weight	hauler's report
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	2687	2%			
Subtotal Non-Residential Diversion	17710	15%			
Other Diversion Activities					
(Note: If you are unable to provide the actual residential/non-residential split, please provide your best estimates of the split in each program type or put all the diversion under non-residential.)					
Residential					
ADC					
Sludge (must submit sludge cert form)	7585	6%	sludge	actual weight	EMWD, RMWD, & EVMWD
Scrap Metal					
Construction and Demolition					
Landfill Salvage					
Other (e.g., ag waste)					
Subtotal Residential Waste	7585	6%			

Diversion Activity	Total Tons	Percent of Total Generation	Specific Material Type(s) (List diversion program activity w/multiple materials in one box)	Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor	Type of Record (include copy with submittal)
Please use the Board's program types. The program type glossary is online at: www.ciwm.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	(A/Total Generation)			
Non-Residential					
ADC	7444	6%			
Sludge (must submit sludge cert form)					
Scrap Metal	550	0%	scrap metal	actual weight	1st class, faith auto, valley auto, murr col, office solutions
Construction and Demolition					
Landfill Salvage					
Other (e.g., ag waste)					
Subtotal Non-Residential Waste	7994	7%			
Subtotal Residential/Non-Residential Other Diversion	15579	13%			
Total Residential/Non-Residential Source Reduction Tons	6710	6%			
Total Diversion Tons	52561	43%			
Total Disposal Tons from Number 1	68858	57%			
Total Generation Tons (Div+Dis)	121419				
NEW GENERATION STUDY DIVERSION RATE					
	43%				
Additional Information for Report Year Calculations - Biomass and Transformation Activities (Note: you cannot claim both biomass and transformation.)					
Biomass (must submit biomass cert form and must be 10% or less of generation--use the calculator to calculate)	4571	4%			
Transformation					
Report Year Diversion Rate with Biomass or Transformation Credit	47%				

Section IV - Specific Non-Residential Sector Waste Audits

Top 10 Non-Residential Generators

Please complete this table for the top ten non-residential businesses that were surveyed. Use the business type in lieu of the specific business name (e.g., grocery store vs. Bestway Grocery Store) List each non-residential business separately from largest to smallest, based on total diversion tons. Audit reference number should be the same number used to identify businesses on the survey/audit sheets, and must be identical to the data in the Section V spreadsheet.

Audit Reference Number	Type of Non-Residential Generator	Include Material Type (e.g., paper, grasscycling). (List materials on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section III)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
8	General Store	OCC Recycling		1314		1314	1.1%	O
16	Grocery Store	OCC, Rendering, Plastic Bags, Donated Goods		951		950.7165	0.8%	O
2	Hardware Store	OCC Recycling, Pallets		754		754	0.6%	O
15	Specialty Retail	OCC Recycling		548		547.5	0.5%	O
12	General Retail	OCC Recycling, Donated Goods		364		364	0.3%	O
3	Hardware Store	OCC Recycling, Pallets		354		353.6	0.3%	O
13	Grocery Store	OCC, Rendering, Plastic Buckets, Donated Goods		248		247.6355	0.2%	O
14	Grocery Store	OCC, Rendering, Plastic Bags, Donated Goods		187		187.0045	0.2%	O
20	Grocery Store	OCC, Rendering, Plastic Bags, Donated Goods		187		187.0045	0.2%	O
21	Grocery Store	OCC, Rendering, Plastic Bags, Donated Goods		187		187.0045	0.2%	O
Totals				5092.4655		5092.4655	4.3%	

Section V - Non-Residential Generator Audit Diversion Spreadsheet

Use the type of business and audit reference number in lieu of the specific business name. For each business include the diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors and sources. Copies of the audit survey form(s) for each of the top ten businesses should be included as an attachment. Click on the Section Button to add a section for another generator (ten rows and a subtotal row added to the table for each new generator). If you have any questions, please contact your OLA Representative at (916) 341-6199.

Add Section

Non-Residential Generator Audit Diversion

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
2	Hardware Store	OCC Recycling	1000lbs/bale		286		286
		Pallets	40lbs/pallet		468		468
Subtotal -				0	754	0	754
3	Hardware Store	OCC Recycling	1200lbs/bale		249.6		249.6
		Pallets	40lbs/pallet		104		104
Subtotal -				0	353.6	0	353.6
4	General Store	OCC Recycling	1000lbs/bale		169		169
Subtotal -				0	169	0	169

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Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
8	General Retail	OCC Recycling	1200lbs/bale		1314		1314
Subtotal -				0	1314	0	1314
9	Furniture Store	OCC Recycling	State Staff Estimate		39		39
Subtotal -				0	39	0	39
10	General Retail	OCC Recycling	State Staff Estimate		126		126
Subtotal -				0	126	0	126
11	Manufacturing	OCC Recycling	800lbs/bale		31.2		31.2
		Metal Drum Recycling			7		7
Subtotal -				0	38.2	0	38.2

Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
12	General Retail	OCC Recycling	1000lbs/bale		312		312
		Donated Goods	400lbs/pallet		52		52
Subtotal -				0	364	0	364
13	Grocery Store	OCC Recycling	550lbs/bale		157.3		157.3
		Rendering	412lbs/55gal drum		42.848		42.848
		Plastic Bucket Recycling	2lbs/bucket		2.6		2.6
		Donated Goods (Baked)	75lbs/container		13.6875		13.6875
		Donated Good (Canned)	600lbs/pallet		31.2		31.2
Subtotal -				0	247.6355	0	247.6355
14	Grocery Store	OCC Recycling	500lbs/bale		156		156
		Rendering	412lbs/55 gal drum		10.712		10.712
		Plastic Bag Recycling			0.78		0.78
		Donated Goods (Baked)	25lbs/bag		4.5625		4.5625
		Grease Recycling			14.95		14.95
Subtotal -				0	187.0045	0	187.0045
15	Specialty Retail	OCC Recycling	1200lbs/bale		547.5		547.5
Subtotal -				0	547.5	0	547.5

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Non-Residential Generator Survey or Audit Identification Number	Generator Type (Example - grocery store, retail, manufacturer)	Material Type (Example - cardboard, glass, plastic, etc.)	Specific Conversion Factor and Source or Actual Weight	Source Reduction (Tons)	Recycling (Tons)	Composting (Tons)	Total Tons
20	Grocery Store	OCC Recycling	500lbs/bale		156		156
		Rendering	412lbs/55gal drum		10.712		10.712
		Plastic Bag Recycling			0.78		0.78
		Donated Goods (Baked)	25lbs/bag		4.5625		4.5625
		Grease Recycling			14.95		14.95
Subtotal -				0	187.0045	0	187.0045
21	Grocery Store	OCC Recycling	500lbs/bale		156		156
		Rendering	412lbs/55gal drum		10.712		10.712
		Plastic Bag Recycling			0.78		0.78
		Donated Goods (Baked)	25lbs/bag		4.5625		4.5625
		Grease Recycling			14.95		14.95
Subtotal -				0	187.0045	0	187.0045
22	Electronics Store	OCC Recycling	500lbs/bale		65		65
Subtotal -				0	65	0	65
23	Restaurant Grease	Grease Recycling	Darling International Records		3.375		3.375
Subtotal -				0	3.375	0	3.375

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Section VI - Restricted Waste

For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program or generator, please provide the following information:

Insert 1

1. If the diversion program started on or after January 1, 1990, complete the following table.

Note: Specific Program Name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept."). Please input the complete program name with business type if appropriate. If you need to add additional programs, insert a row by clicking on the button for that section.

Restricted Waste Type	Audit Reference Number	Specific Program Name	Year Started	Tonnage
Inert Solids ▼		Franchise Hauler Commercial Roll-Off	1994	1584
White Goods ▼		Franchise Hauler Residential Collection	1994	15
Scrap Metal ▼		Office Furniture Solutions	2001	172
Scrap Metal ▼		1st Class Collision	2000	26
Scrap Metal ▼		Faith Quality Auto Body	1995	77
Scrap Metal ▼		Murrieta Auto Collision	1996	38
Scrap Metal ▼		Valley collision	1998	35

2. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board, on a separate sheet marked "Attachment Section VI. 2", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is app
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an "Attachment Section VI.2" for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to Number 4.

Insert 3

3. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Audit Reference Number	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

4. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed: Ins

Restricted Waste Type	Audit Reference Number	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					
Pull Down for Waste Types ▼					